

WHAT IS CLAIMED IS:

1. An image capture device, comprising:
a first scanning module operable to scan a first side of an object; and
a second scanning module operable to scan a second side of said object, said first and second scanning modules translatable along their respective displacement paths.
2. The image capture device of claim 1, wherein said first and second scanning modules are independently translatable along their respective displacement paths.
3. The image capture device of claim 1, further comprising a housing, one of said first and second scanning modules being disposed in said housing.
4. The image capture device of claim 1, further comprising a lid coupled to a housing, one of said first and second scanning modules being disposed in said lid.
5. The image capture device of claim 1, further comprising two platens operable to sandwich said object therebetween.
6. The image capture device of claim 4, said scanning module disposed in said lid being mounted on at least one support rail in said lid.
7. The image capture device of claim 3, said second scanning module disposed in said housing being mounted on at least one support rail in said housing.
8. The image capture device of claim 1, wherein said first scanning module comprises:
a light source operable to illuminate at least a portion of said first side; and
a photosensitive device operable to capture light reflected from said first side.
9. The image capture device of claim 1, wherein said first scanning module comprises a photosensitive device operable to capture light passing through said object.

10. The image capture device of claim 1, wherein said second scanning module comprises:

a light source operable to illuminate at least a portion of said second side; and
a photosensitive device operable to capture light reflected from said second side.

11. The image capture device of claim 1, wherein said second scanning module comprises a photosensitive device operable to capture light passing through said object.

12. The image capture device of claim 1, wherein said image capture device is operable to scan said object in a mode selected from the group consisting of a face-up mode, a face-down mode, a duplex mode and a transparency mode.

13. The image capture device of claim 1, wherein in a face-up mode said first scanning module scans said first side.

14. The image capture device of claim 1, wherein in a face-down mode said second scanning module scans said second side.

15. The image capture device of claim 1, wherein in a duplex mode said first scanning module scans said first side and said second scanning module scans said second side.

16. The image capture device of claim 1, wherein in a transparency mode, said first scanning module is operable to illuminate said object and said second scanning module is operable to capture light passing through said object.

17. The image capture device of claim 1, wherein in a transparency mode, said second scanning module is operable to illuminate said object and said first scanning module is operable to capture light passing through said object.

18. A method for scanning an object by an image capture device, comprising:
illuminating a first portion of said object by a first scanning module of said image capture device;
capturing light passing through said first portion by a second scanning module of said image capture device; and
moving said first and second scanning modules along their respective displacement paths to illuminate a second portion of said object and to capture light passing through said second portion.

19. The method of claim 18, wherein said moving comprises moving said first and second scanning modules such that a light source of said first scanning module and a photosensitive device of said second scanning module are aligned with each other.

20. The method of claim 18, wherein said illuminating comprises illuminating said first portion by a light source of said first scanning module.

21. The method of claim 18, wherein said capturing comprises capturing light passing through said first portion by a photosensitive device of said second scanning module.

22. A method for scanning an object by an image capture device, comprising:
illuminating a first portion of a first side of said object by a first scanning module;
capturing light reflected from said first portion of said first side by said first scanning module;
illuminating a first portion of a second side of said object by a second scanning module;
capturing light reflected from said first portion of said second side by said second scanning module; and
moving said first scanning module along a displacement path to illuminate a next portion of said first side and to capture light reflected from said next portion of said first side.

23. The method of claim 22, further comprising moving said second scanning module along a displacement path of said second scanning module to illuminate a next portion of said second side and to capture light reflected from said next portion of said second side.

24. The method of claim 22, wherein said first portion of said first side and said first portion of said second side are simultaneously illuminated.

25. The method of claim 22, wherein said illuminating said first portion of said first side comprises illuminating said first portion of said first side by a light source of said first scanning module.

26. The method of claim 22, wherein said illuminating said first portion of said second side comprises illuminating said first portion of said second side by a light source of said second scanning module.

27. The method of claim 22, wherein said capturing light reflected from said first portion of said first side comprises capturing light reflected from said first portion of said first side by a photosensitive device of said first scanning module.

28. The method of claim 22, wherein said capturing light reflected from said first portion of said second side comprises capturing light reflected from said first portion of said second side by a photosensitive device of said second scanning module.

29. A system, comprising:
an image capture device, and
application logic operatively associated with said image capture device and operable
to:

cause a first scanning module of said image capture device to illuminate a first
portion of said object;

cause a second scanning module of said image capture device to capture light
passing through said first portion; and

cause movement of said first and second scanning modules along their
respective displacement paths to illuminate a next portion of said object and to
capture light passing through said next portion.

30. The system of claim 29, said application logic further operable to cause
movement of said first and second scanning modules such that a light source of said first
scanning module and a photosensitive device of said second scanning module are aligned
with each other.

31. The system of claim 29, said application logic further operable to cause
illumination of said first portion by a light source of said first scanning module.

32. The system of claim 29, said application logic further operable to cause said
capturing of light passing through said first portion by a photosensitive device of said second
scanning module.

33. An image capture device, comprising:
a first scanning module operable to illuminate a first portion of said object; and
a second scanning module operable to capture light passing through said first portion,
said first and second scanning modules translatable along their respective displacement paths.
moving said first and second scanning modules along their respective displacement
paths to illuminate a second portion of said object and to capture light passing through said
second portion.

34. The image capture device of claim 33, wherein said first and second scanning modules are translatable such that a light source of said first scanning module and a photosensitive device of said second scanning module are aligned with each other.

35. The image capture device of claim 33, wherein said first scanning module comprises a light source operable to illuminate said first portion.

36. The image capture device of claim 33, wherein said second scanning module comprises a photosensitive device operable to capture light passing through said first portion.

37. The image capture device of claim 36, wherein said photosensitive device comprises at least one color filter.

38. The image capture device of claim 36, wherein said photosensitive device comprises a colored light source.